



## DEPARTMENT OF THE NAVY

COMMANDER  
NAVAL NETWORK WARFARE COMMAND  
2465 GUADALCANAL RD  
NORFOLK, VA 23521-3228

IN REPLY REFER TO:

NAVNETWARCOMINST 5450.1  
NWC/N9/rer

**AUG 05 2003**

### NAVNETWARCOM INSTRUCTION 5450.1

Subj: MISSION, FUNCTIONS AND TASKS OF THE FLEET INFORMATION  
WARFARE CENTER (FIWC)

Ref: (a) OPNAVINST 3430.26

Encl: (1) FIWC Functions and Tasks

1. Purpose. To publish the mission, functions and tasks of the Fleet Information Warfare Center (FIWC) under the mission established by reference (a).

2. Mission. FIWC, as the Navy's Center of Excellence for Information Operations (IO), enables Naval IO capabilities through tactically focused training, operational planning support to Naval Commanders, tactics development, and formulation of IO requirements including research and development priorities. In its role as the IO Center of Excellence, FIWC will:

a. Act as the IO academic Center of Excellence responsible for coordination and standardization of operationally focused Naval IO training afloat and ashore.

b. Support Navy Component Commanders and Joint Task Forces (JTF) for incorporation of IO capabilities, to include non-kinetic strike, in OPLAN/CONPLAN development and execution, and emerging operations and exercises, as directed by NETWARCOM.

c. Act as NETWARCOM's advocate for IO requirements, recommendations and priorities for research and development, procurement and training in support of IO, including Special Information Operations (SIO) capabilities.

d. Act as Naval Warfare Development Command's primary agent for development of Naval IO doctrine and Tactics, Techniques, and Procedures (TTP).

e. Act as the principal agent to NETWARCOM for identification and development of innovative IO technologies and capabilities to support future effects based warfare with non-kinetic options in support of the Sea Trial concept.

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f. Serve as the Navy Functional Data Manager (FDM) for IO.


3. Status and Command Relationships. FIWC is a shore activity under the administrative control of Commander, Naval Network Warfare Command.

a. Command: Fleet Information Warfare Center (FIWC)  
Echelon:

- (1) Chief of Naval Operations
- (2) Commander, Fleet Forces Command
- (3) Commander, Naval Network Warfare Command
- (4) Fleet Information Warfare Center

b. Area Coordinator: Commander, Navy Mid-Atlantic  
Region

4. Action. In accomplishing the assigned mission, the Commanding Officer, FIWC, will ensure performance of the functions and tasks outlined in Enclosure (1). Send recommended changes to the mission, functions or tasks to the Commander, Naval Network Warfare Command.

  
H. G. STORY  
Chief of Staff

Distribution: (NETWARCOMINST 5216.1)  
List I, Case A  
All Ships and Stations

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# Functions and Tasks

As the Navy's academic Center of Excellence for IO training:

- Serve as the primary authority for oversight of the development and implementation of resident and non-resident courses of instruction supporting training of Information Warfare Commanders (IWC), their staffs and other Information Warfare (IW) professionals as part of the IO training continuum and the Fleet Readiness Plan (FRP).
- Act as the model manager for FRP IO training.
  - Conduct IO basic phase training assessment & certification, including validation, verification, skill certification, and staff/watch certification.
  - Support intermediate and advanced phase training and assessment, as required.
- Develop the Navy Mission Essential Task List (NMETL) that guides all Naval IO training.
- Ensure IO training across the FRP supports the established IO NMETL.
- Provide IO certification recommendations to appropriate authorities during pre-deployment training.
- Develop and maintain a full spectrum IO Red Team capability to support afloat units during the FRP and shore establishments when directed.
- Coordinate with other Naval, Service and Joint IO Centers and training institutions to ensure the Navy IO NMETL and training is optimized to support Joint War Fighting.

In Support of Navy Component Commanders and JTF IO Planning and Operations FIWC will:

- Provide reach-back capability for enabling operational effects-based Sea Strike/Shield collaborative planning through information sharing and modeling and simulation.
- Provide subject matter experts and Liaison Naval Officer (LNO) IO planning support to Naval Component Commanders, Commanders of Joint Task Forces and other IO organizations, as directed by NETWARCOM.
- Validate and maintain the IO lessons learned database and ensure appropriate IO data is incorporated into a tactical/operational passdown (Rosetta Stone) process.

Enclosure (1)

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- Develop and host the IO portion of the Knowledge Web.
- Maintain an operational database for non-kinetic weapons, including measures of effectiveness.
- Support Navy exercises with planning, operational equipment and expertise, as directed by NETWARCOM.
- Provide and maintain unique SIO capabilities in support of Fleet Commanders.
- Conduct Web Risk Assessments (WRA) in support of Operations Security (OPSEC) policy, planning and operations.

As the Fleet advocate for IO Requirements:

- Identify and document IO requirements to meet Fleet war fighting missions.
- Provide recommendations and priorities for research and development, procurement and related training in support of IO, to include; Electronic Warfare, Operations Security, Military Deception, Psychological Operations, Computer Network Operations and SIO capabilities.
- Support modeling and simulation for IO.

As the Navy's Primary Review Authority (PRA) for IO doctrine and TTP:

- Support Naval Warfare Development Command in the development of Naval IO doctrine and TTP.
- Participate in and provide liaison for development of Joint IO doctrine.
- Maintain liaison with Services and Agencies for TTP development and operational support.

As NETWARCOM's principal agent for identification and development of innovative IO technologies:

- Support the selection, prioritization, and assessment of IO Tactical Development & Evaluation projects through the Sea Trial process, as directed by NETWARCOM.
- Act as the repository for limited production and non-Program of Record (POR) IO capabilities, providing operational training, installation and maintenance support when required.

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As the Navy's Functional Data Manager for IO:

- Develop and maintain authoritative derivative IO data bases and libraries, to include threat and own force data, in support of reprogrammable Naval IO systems.
- Provide liaison with other Services, organizations and agencies for data base standardization and interoperability.